

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : TDK CORP

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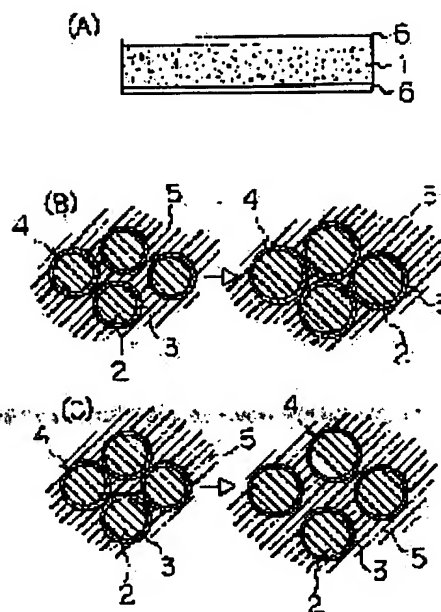
(54) TEMPERATURE SENSOR DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a temperature sensor device capable of having an optional positive or negative temperature coefficient, using the same material or the same manufacturing technique.

SOLUTION: Particles 5, each consisting of a resin 4 and a metal film 3 covering the surface of the resin 4, are dispersed and mixed into resin 6 having a linear

expansion coefficient and being different from the resin 4 constituting the particle 5, by which the mixture as material for manufacturing a temperature sensor device can be imparted with a positive or negative resistance/temperature characteristics.



1 : 素体、2 : 樹脂、3 : 金属膜、4 : 粒子、5 : 樹脂、6 : 電極

LEGAL STATUS

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